

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 11393  
Application ID: 09681611  
Title of Invention: Method and Apparatus to Automatically Determine Tissue Cancellation Parameters in X-Ray Dual Energy Imaging  
First Named Inventor: Gopal Avinash  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-05-08   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 15-XZ-5728  
Digital Certificate Holder: cn=Dean D. Small, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: W1cRitJwurORnUpXBd1RMg==  
Total Fees Authorized: \$952.0

Payment Category: DA - Deposit Account  
Deposit Account Number: 130017  
Deposit Account Name: Dean D. Small

jc474 U.S. PTO  
09/681611  
05/08/01



# TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 15-XZ-5728

## Method and Apparatus to Automatically Determine Tissue Cancellation Parameters in X-Ray Dual Energy Imaging

First Named Inventor: Gopal B. Avinash

### SUBMITTED BY

Name: Dean D Small Esq.  
Registration Number: 34730  
Electronic Signature Mark: /dds/ Date Signed: 20010508

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### Attached Files:

declaration	DeclarationPage03.tif
declaration	DeclarationPage04.tif
fee-transmittal	15-XZ-5728fee.xml
bibd-transmittal	15-XZ-5728apds.xml
declaration	DeclarationPage01.tif

declaration	DeclarationPage02.tif
specification	13038 elect filing.xml

**Attached Image File(s):**

DeclarationPage03.tif  
DeclarationPage04.tif  
DeclarationPage01.tif  
DeclarationPage02.tif

### Comments:

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I hereby declare that all statements made herein of my own knowledge are true and that statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or a patent issued thereon.

This declaration names three inventors below.

Information about first joint inventor:

(given name, family name): Gopal B. Avinash  
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New Berlin, WI 53151

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Post Office Address: Same

First inventor's signature: Gopal Avinash

Date Signed: 4/24/2001

Information about second joint inventor:

(given name, family name): John Michael Sabol  
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Second inventor's signature: J. M. Sabol

Date Signed: 04/24/2001

Information about third joint inventor:

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Third inventor's signature: F. Nicolas

Date Signed: 04/25/2001

**COMBINED DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or a original, first and joint inventor (if plural names are listed below) of the subject matter which claimed and for which a patent is sought on the invention entitled

**METHOD AND APPARATUS TO AUTOMATICALLY DETERMINE TISSUE  
CANCELLATION PARAMETERS IN X-RAY DUAL ENERGY IMAGING**

the specification of which:

is attached hereto.

\* was filed on ~ as United States Application Number or PCT International Application Number ~ and was amended on ~.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office a information which I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of a foreign application(s) for patent or inventor's certificate listed below. I have also identified below any foreign application for patent or inventor's certificate having a filing date before the of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Is Priority Claimed?</u>
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.5 which became available between the filing date of the prior application and the national or PC international filing date of this application.

Serial No.   Filing Date   Patented, Pending, or Abandoned?

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

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**TOTAL FEES AUTHORIZED: \$ 952**

**The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:**

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

**SUBMITTED BY**

Authorized Name: Dean D. Small

Electronic Signature Mark: /dds/

Date Signed: 20010508

**BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

**EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 29	103	\$ 18	9	\$ 162
Independent Claims: 4	102	\$ 80	1	\$ 80

Subtotal For Extra Claims Fees: \$ 242